



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

First Named
Inventor : Roger Lee Hipwell, Jr.

Appln. No. : 10/650,392

Filed : August 28, 2003

Title : IMPROVED MAGNETIC MICROACTUATOR FOR DISC
DRIVES WITH INTEGRATED HEAD CONNECTIONS
AND LIMITERS

Docket No. : I69.12-0576

Group Art Unit:

Examiner:

ASSOCIATE POWER OF ATTORNEY OR AGENT (37 C.F.R. 1.34)

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I CERTIFY THAT THIS PAPER IS BEING SENT BY U.S. MAIL, FIRST CLASS, TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231, THIS 17th DAY OF SEPTEMBER, 2003.



PATENT ATTORNEY

Sir:

Please recognize as Associate Attorney or Agent in this case:

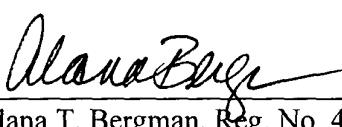
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Please continue to send all further correspondence regarding this application to the below-named attorney.

Respectfully submitted,

KINNEY & LANGE, P.A.

By: _____



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THE KINNEY & LANGE BUILDING
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POWER OF ATTORNEY



Attorney Docket No.

I69.12-0576

First Named Inventor : Roger Lee Hipwell, Jr., et al.

Title : IMPROVED MAGNETIC MICROACTUATOR FOR DISC DRIVES WITH INTEGRATED HEAD CONNECTIONS AND LIMITERS

In the patent application:

- identified above (and submitted to the Patent and Trademark Office herewith).
 filed on August 28, 2003 as Application No. 10/650,392.

I appoint the attorneys and agents associated with Customer Number 00164 to prosecute the patent application identified above and to transact all business in the Patent and Trademark Office connected therewith, including full power of association, substitution and revocation.

I ratify all prior actions taken by Kinney & Lange, P.A. or the attorneys and agents mentioned above in connection with the prosecution of the above-mentioned patent application.

I aver that I am empowered by Seagate Technology LLC to act on behalf of the Assignee, Seagate Technology LLC, in connection with this document and the above application.

Please address all correspondence and telephone calls to Customer Number 00164, attention Alana T. Bergman, Telephone (612) 339-1863, Fax (612) 339-6580.

SEAGATE TECHNOLOGY LLC

Signature:

Paul T. Dietz, Reg. No. 38,858

Dated:

Sept 15, 2003

Title:

Patent Attorney



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Inventor : Roger Lee Hipwell, Jr., et al.

Appln. No. : 10/650,392

Filed : August 28, 2003

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Docket No. : I69.12-0576

SUBMISSION UNDER 37 C.F.R. 3.73(b)

Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Seagate Technology LLC, a Delaware corporation, is an owner of the patent application identified above by virtue of either:

A. An assignment from the inventor(s) of the patent application identified above, a copy of which is attached.

OR

B. A chain of title from the inventor(s), of the patent application identified above, to the current assignee as shown below:

1. From: _____ To: _____
The document was recorded in the Patent and Trademark Office at Reel _____, Frame _____, or a copy of which is attached.

The undersigned (whose title is supplied below) is empowered to sign this statement on behalf of Seagate Technology LLC.

Signature:

Paul T. Dietz, Reg. No. 38,858

Date: Sept 15, 2003

Title: Patent Attorney

ASSIGNMENT

Attorney Docket No. : I69.12-0576

Seagate Docket No. : 11,165.00

WHEREAS, we, Roger Lee Hipwell, Jr., 7562 Kimberly Lane, Eden Prairie, Minnesota, U.S.A; Andrew David White, 8913 Douglas Drive North, Brooklyn Park, Minnesota, U.S.A.; Zine-Eddine Boutaghout, 307 Lily Pond Lane, Vadnais Heights, Minnesota, U.S.A.; and Wayne Allen Bonin, 21 Black Oak Road, North Oak, Minnesota, U.S.A., are the inventor(s) of an invention entitled IMPROVED MAGNETIC MICROACTUATOR FOR DISC DRIVES WITH INTEGRATED HEAD CONNECTIONS AND LIMITERS that is the subject matter of: (Check all that apply)

- a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. filed on ;
- an application for Letters Patent which has been executed on even date herewith and/or is identifiable in the United States Patent and Trademark Office by Application No. filed on ;and
- an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. ,filed on ; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

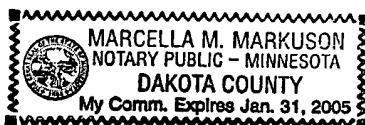
We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.



Roger Lee Hipwell, Jr. (Inventor)

Subscribed and sworn to before me in the County of August, 2003.

(SEAL)



Hennepin, a Notary Public, this 25th day of

Marcella M. Markuson

Notary Public

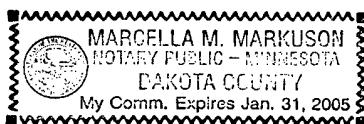


Andrew David White (Inventor)

Subscribed and sworn to before me in the County of

August, 2003.

(SEAL)



Hennepin, a Notary Public, this 27th day of

Marcella M. Markuson

Notary Public

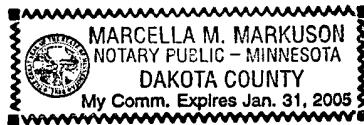


Zine-Eddine Boutaghous (Inventor)

Subscribed and sworn to before me in the County of

August, 2003.

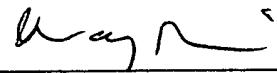
(SEAL)



Hennepin, a Notary Public, this 26th day of

Marcella M. Markuson

Notary Public

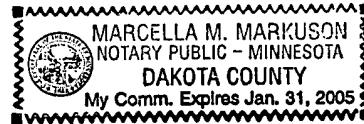


Wayne Allen Bonin (Inventor)

Subscribed and sworn to before me in the County of

August, 2003.

(SEAL)



Hennepin, a Notary Public, this 27th day of

Marcella M. Markuson

Notary Public